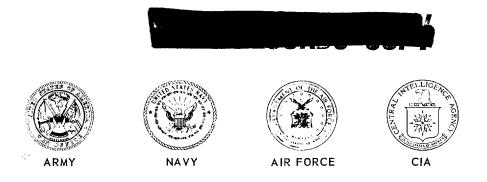
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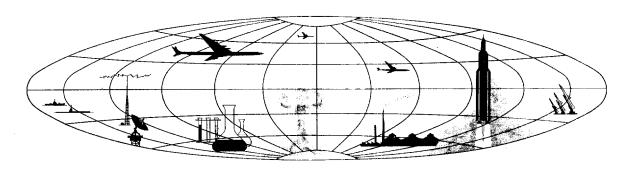
February 1963

PHOTOGRAPHIC INTERPRETATION REPORT

# BRASS KNOB MISSION 3444 23 FEBRUARY 1963



NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1
Excluded from automotic downgroding and declassification



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### IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION: 3444, DATED 23 FEBRUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-ITEM OF INTEREST-

SHIP SIGHTING 2335N Ø81ØØW

NE OF CARDENAS IN NICHOLAS CHANNEL.

ONE LARGE FREIGHTER WITH AT LEAST 12 RECTANGULAR WHITE OBJECTS ON DECK. POOR IMAGE QUALITY PRECLUDES FURTHER 25X1D INTERPRETATION.

-MISSILES-

25X1A

SAN CRISTOBAL MRBM SITE 1 2240N Ø8317W

25X1D

SITE IS ABANDONED. ARCHED-ROOF BUILDING REMAINS INTACT. NO ACTIVITY NOTED.

SAN CRISTOBAL MRBM SITE 3 2242N Ø83Ø8W

25X1D

ARCHED-ROOF BUILDING REMAINS. NO ACTIVITY OBSERVED.

25X1A

GUANAJAY IRBM SITE 1 2257N Ø8239W

25X1D NO ACTIVITY OBSERVED.

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25X1D

25X1A

SAGUA LA GRANDE MRBM SITE 1 2243N Ø8ØØ1W

25X1D

ARCH-ROOFED BUILDING REMAINS. NO ACTIVITY OBSERVED.

25X1A

SAGUA LA GRANDE MRBM SITE 2 2239N Ø7951W

25X1D NO ACTIVITY OBSERVED.

REMEDIOS: IRBM SITE 2225N Ø7935W

ARCH-ROOFED BUILDING REMAINS. ONE LARGE TENT AND ONE TRUCK IN FRONT OF BUILDING. NO OTHER ACTIVITY

25X1D OBSERVED.

25X1A

SAN CRISTOBAL MRBM SITE 4 2246N Ø8258W

25X1D

25X1D

NO ACTIVITY OBSERVED.

GUANAJAY IRBM SITE 2 2257N Ø8236W

LAUNCH AND SUPPORT AREAS CLOUD COVERED.

ARCHED-ROOF BUILDING REMAINS INTACT. NO VEHICLES

OBSERVED IN CLEAR AREAS.

TAPASTE AREA, STORAGE SITES 2303N 08207W

25X1D NO APPARENT CHANGE IN VISIBLE AREAS.

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25X1A

BARTOLOME, SUSPECT SSM ACTIVITY 2226N Ø7934W
NO MISSILE ACTIVITY OBSERVED.

SALAMANCA, SUSPECT SSM ACTIVITY 2227N Ø794ØW
25X1D NO MISSILE ACTIVITY OBSERVED.

BELLAMAR, SUSPECT SSM ACTIVITY 2302N 08133W

25X1D NO MISSILE-ASSOCIATED ACTIVITY OBSERVED.

MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W
25X1D NO UNUSUAL ACTIVITY OBSERVED.

25X1D

25X1D

25X1D

MARIEL SAM SITE 2300N 08249W

SITE CONTAINS 6 REVETTED CANVAS-COVERED LAUNCH POSITIONS, 7 MISSILE TRANSPORTERS, AND OCCUPIED AND REVETTED GUIDANCE AREA.

MATANZAS SAM SITE 2301N 08129W

SITE CONTAINS 6 LAUNCHERS (4 COVERED), 7 CANVAS-COVERED MISSILES ON TRANSPORTERS, 4 PROBABLE MOBILE CRANES, NUMEROUS VANS AND ASSOCIATED EQUIPMENT, AND

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25X1A

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25X1D

FAN SONG GUIDANCE RADAR.

25X1A

BAHIA HONDA SAM SITE 2257N Ø8317W

25X1D

SITE CONTAINS 6 REVETTED LAUNCHERS, GUIDANCE AREA REVETTED AND OCCUPIED AND 7 CANVAS-COVERED MISSILE TRANSPORTERS.

HAVANA SAM SITE 2309N 08213W

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS, ONE CANVAS-COVERED HOLD AREA, AND CANVAS-COVERED GUIDANCE AREA.

25X1D

CIENFUEGOS SAM SITE 2202N 08024W

25X1D

SITE CONTAINS 6 LAUNCHERS AND CANVAS-COVERED GUIDANCE AREA. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1A

SAGUA LA GRANDE SAM SITE 2251N Ø8ØØ5W

25X1D

SITE CONTAINS 6 REVETTED OCCUPIED LAUNCH POSITIONS. REVETTED. OCCUPIED GUIDANCE AREA AND ONE CANVAS-COVERED PROBABLE MISSILE TRANSPORTER.

25X1A

2228N Ø7929W CAIBARIEN SAM SITE

> SITE CONTAINS 6 UNREVETTED CANVAS-COVERED LAUNCHERS. UNREVETTED, OCCUPIED GUIDANCE AREA, 6 PROBABLE MISSILE TRANSPORTERS, ONE CANVAS-COVERED MISSILE TRANSPORTER.

25X1D

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25X1A

SANCTI SPIRITUS SAM SITE 2147N Ø7929W

SITE CONTAINS 6 UNREVETTED CANVAS-COVERED LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS: AND AN

25X1D

OCCUPIED GUIDANCE AREA.

25X1A

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N Ø8221W

25X1D

APPROXIMATELY 20 MISSILE TRANSPORTERS, 6 LOWBOY TRAILERS AND 6 UNIDENTIFIED VEHICLES OBSERVED. HEAVY CLOUDS PRECLUDE FURTHER INTERPRETATION.

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

25X1D

NO APPARENT CHANGE.

MANAGUA SAN SITE 2259N Ø8215W

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, ONE VAN IN GUIDANCE REVETMENT. SUPPORT AREA CONTAINS 4 SQUAD, ONE GENERAL PURPOSE, AND 4 PYRAMIDAL TENTS AND 15 VEHICLES. NO MISSILE EQUIPMENT OBSERVED IN THE 3 HOLD REVETMENTS OR IN AREA.

25X1D

25X1A

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

SITE CONTAINS 2 CANVAS-COVERED LAUNCHERS IN REVETMENTS, 8 VEHICLES AND 10 CRUISE-MISSILE CRATES IN PARKING AREA. NO APPARENT CHANGE IN FACILITIES.

25X1D

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LA SIERRA CRUISE-MISSILE SITE 2156N Ø8Ø19W

25X1D

SITE IS ABANDONED.

GUERRA POSSIBLE CRUISE-MISSILE SITE 2300N 08250W

FORTY-EIGHT CRUISE-MISSILE CRATES NOTED.

APPROXIMATELY 200 VEHICLES AND 12 PROBABLE MISSILE
TRANSPORTERS OBSERVED IN HEADQUARTERS AREA.

25X1D

-AIRFIELDS-

CAMILO CIENFUEGOS AIRFIELD 2229N Ø7955W

25X1D AIRCRAFT -- 35 FISHBED AND 11 FAGOT/FRESCO.

PRESTON AIRFIELD 2044N 07539W

25X1D

AIRCRAFT -- NONE OBSERVED IN VISIBLE PORTIONS.

ANTONIO MACEO AIRFIELD 1958N 07550W

25X1D

AIRCRAFT -- ONE HOUND, 2 LIAISON-TYPE, ONE UNIDENTIFIED HELICOPTER, 3 COACH, AND ONE 4-ENGINE TRANSPORT VISIBLE IN CLOUD-FREE AREAS.

25X1A

CORONEL PASCUAL AIRFIELD 2307N 08117W

25X1D

AIRCRAFT -- 5 FAGOT/FRESCO. NINE VEHICLES OBSERVED.

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25X1A

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N Ø8231W

AIRCRAFT -- 10 FAGOT/FRESCO, 8 PROBABLE B-26, 2 TWO-ENGINE TRANSPORT AND ONE UNIDENTIFIED SINGLE-ENGINE LOW WING.

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

AIRCRAFT -- ONE CLEAT, 2 BRITANNIA, ONE VISCOUNT, 2 C-54, 4 C-46, 3 CONSTELLATION, 3 CRATE, 2 LIAISON-TYPE, AND 2 SMALL TRANSPORTS OBSERVED IN CLOUD-FREE 25X1D AREAS.

25X1A

CAMPO LIBERTAD AIRFIELD 2306N 08226W

25X1D

25X1D AIRCRAFT -- 4 COLT, ONE PBY, AND 40 LIAISON-TYPE OBSERVED IN CLOUD-FREE AREAS.

MARIEL NAVAL AIR STATION 2300N 08246W

25X1D EIGHTEEN KOMAR MISSILE SHIPPING CRATES AND 11
AIRCRAFT -- NONE.

PLAYA BARACOA AIRFIELD 2302N 08235W

25X1D AIRCRAFT -- 42 HOUND, 7 HARE, ONE CRATE.
APPROXIMATELY 3Ø SHIPPING CRATES OBSERVED.

MANAGUA AIRFIELD 2258N Ø8217W

25X1D AIRCRAFT -- NONE OBSERVED IN CLOUD-FREE AREAS.

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25X1A

25X1A

25X1A

25X1A

JAIME GONZALES AIRFIELD 2209N 08025W

NO AIRCRAFT OBSERVED. 25X1D

TRINIDAD AIRFIELD 2147N Ø7959W

NO AIRCRAFT OBSERVED. 25X1D

-PORTS-

MARIEL PORT 2301N 08245W

NO LARGE VESSELS OR MILITARY EQUIPMENT. ONE KRONSTADT-CLASS PC, ONE PF, 12 KOMAR-CLASS PGMG, 25X1D AND ONE SMALL COASTAL TANKER OBSERVED.

CIENFUEGOS PORT 2209N 08027W

VESSELS -- 3 TANKERS, 3 FREIGHTERS, ONE COASTAL

25X1A FREIGHTER.

25X1D

CANNOT ARE NOT OBSERVED.

BE IDENTIFIED.

NO MILITARY EQUIPMENT OBSERVED.

SANTIAGO DE CUBA PORT 2001N 07550W

VESSELS -- ONE FREIGHTER VISIBLE IN CLOUD-FREE AREA.

25X1D

NUEVITAS PORT 2132N Ø7716W

TWO FREIGHTERS INCLUDING THE DOCKED.

25X1A

TWO FREIGHTERS ANCHORED IN NUEVITAS BAY.

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25X1A

25X1A

25X1D

REMAINS AT PASTELILLO PIER NO 4 WITH FOURTEEN BOXCARS AND ONE LOCOMOTIVE 6 HATCHES OPEN. ON DOCK ALONGSIDE SHIP. NO MILITARY EQUIPMENT VISIBLE.

LA SISABELA PORT 2256N Ø8ØØ1W

VESSELS -- ONE LARGE FREIGHTER. NO MILITARY EQUIPMENT OBSERVED. 25X1D

CAIBARIEN PORT 2232N Ø7928W

NO LARGE VESSELS OR UNUSUAL MILITARY EQUIPMENT 25X1D OBSERVED.

CASILDA PORT 2145N Ø7959W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED. 25X1D

MATANZAS PORT 2303N 08134W

VESSELS -- 3 LARGE FREIGHTERS, ONE SMALL FREIGHTER, AND ONE COASTAL FREIGHTER. TWO KRASNOGRAD-CLASS FREIGHTERS REMAIN AT NEW WHARF -- ONE HAS 2 HATCH COVERS REMOVED AND BOOMS SECURED, OTHER HAS ALL TWELVE BOXCARS HATCHES CLOSED AND ONE BOOM OVER SIDE. AND ONE LOCOMOTIVE ON PIER BETWEEN SHIPS. LARGE FREIGHTER AT DUBROCQ QUAY HAS 4 HATCH COVERS REMOVED AND BOOMS IN OPERATION. TWO LARGE TRACTOR TRAILERS

25X1D MOVING ON QUAY. SIXTY-FOUR TRUCKS PARKED SW OF QUAY. TRUCKS OBSERVED ONE HELICOPTER REMAINS. LEAVING THE AREA.

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25X1A

HAVANA PORT 2308N 08221W

VESSELS -- 32 LARGE FREIGHTERS, 14 SMALL COASTAL FREIGHTERS, ONE PF, 5 PROBABLE PC, ONE PROBABLE PCE,

AND 5 PT OBSERVED IN CLOUD-FREE AREAS. 25X1D

DUE TO HAZE AND CLOUD COVER ONLY THE 2 LGOV-CLASS AND THE PROBABLE ORENBURG COULD BE 25X1D

HAS 3 HATCHES OPEN, ONE LIGHTER IDENTIFIED.

AND 2 SMALL CRAFT ALONGSIDE.

TWO LGOV-CLASS AT PIERS -- ONE ON SOUTH SIDE OF MACHINA PIER HAS ONE POSSIBLE OPEN HATCH AND

2. BOOMS: OVER THE SIDE, SECOND LGOV-CLASS AT WARD LINE PIER HAS HATCHES SECURED AND UNIDENTIFIED

DECK CARGO ON STERN WITH BOOMS SECURED. 25X1D

25X1A

CABANAS PORT 2259N Ø8256W

NO LARGE VESSELS OBSERVED.

25X1D

BAHIA HONDA PORT 2255N Ø8311W

VESSELS -- NONE OBSERVED IN CLEAR PORTIONS.

25X1D

TUNAS DE ZAZA PORT 2138N Ø7933W

25X1A

REMAINS ANCHORED 1.5 NM SW OF PORT. FOUR HATCHES ARE OPEN AND BOOMS ARE ACTIVE. FIVE LIGHTERS AND 2 SMALL CRAFT ALONGSIDE SHIP.

25X1D

-ELECTRONICS-

25X1A

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

NO APPARENT CHANGE.

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25X1D

#### -MILITARY ACTIVITY-

25X1A

ARTEMISA, MILITARY CAMP 2251N Ø8248W

25X1D

25X1D

CAMP CAN BE IDENTIFIED BUT CLOUD COVER PRECLUDES INTERPRETATION.

LA BOCA, MILITARY CAMP 2301N 08242W

MAIN AREA CONTAINS 4 LARGE AND 3 SMALL TENTS AND 15 VEHICLES. AREA TO THE SE HAS 6 VEHICLES.

BAHIA HONDA, MILITARY CAMP 2258N Ø8311W

25X1D NO APPARENT CHANGE.

CABANAS AREA, MILITARY CAMP 2256N Ø8252W

25X1D NO APPARENT CHANGE, NO VEHICLES OBSERVED.

REMEDIOS AREA, MILITARY CAMP 2227N 07934W

CAMP CONTAINS 12 BARRACKS BUILDINGS, 16 LARGE TENTS, 25 MEDIUM TENTS, 14 SMALL TENTS, 41 TANKS/SP GUNS, 7 UNIDENTIFIED TRACKED VEHICLES, ONE PROBABLE FROG MISSILE TRANSPORTER, 2 PROBABLE FROG LAUNCHERS, 9 SNAPPERS, 26 PROBABLE FA PIECES, 248 CARGO TRUCKS, 10 PROBABLE POL TRUCKS, 10 VAN TRUCKS, 26 UTILITY TRUCKS, 10 PROBABLE PRIME MOVERS, 18 UNIDENTIFIED VEHICLES, 3 CARGO TRAILERS. SIX-GUN AAA SITE REMAINS OCCUPIED.

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25X1A

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25X1D

MINAS, AMMUNITION STORAGE AREA 2307N 08212W

25X1D

NO APPARENT CHANGE.

SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N Ø822ØW

CAMP CONTAINS 13 TANKS/SP GUNS, APPROXIMATELY 50 CARGO TRUCKS AND 5 UTILITY TRUCKS, 43 LARGE, 3 MEDIUM,

AND 5 SMALL TENTS.

NUMEROUS VEHICLES/PIECES OF EQUIPMENT LOCATED IN

HEAVILY WOODED AREA.

6-GUN AAA SITE REMAINS OCCUPIED.

POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION. 25X1D

MADRUGA: POL STORAGE 2256N Ø8149W

SHED ROOFS NOW COVER 10 GROUPS OF TANKS. NO APPARENT CHANGE IN OTHER FACILITIES.

25X1D

MANAGUA, MILITARY CAMP 2258N Ø8217W

APPROXIMATELY 420 VEHICLES OBSERVED. SCATTERED CLOUDS AND HAZE PRECLUDE FURTHER

INTERPRETATION. 25X1D

PURIO, MILITARY AREA 2233N Ø7952W

NO MILITARY ACTIVITY OBSERVED. 25X1D

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25X1A

BAJURAYABO AREA, MILITARY CAMP 2308N 08210W

25X1D

NO APPARENT CHANGE.

GUANABACOA, MILITARY AREA 2307N 08215W

AT LEAST 12 FA PIECES, 6 PROBABLE PRIME MOVERS, AND APPROXIMATELY 15 UNIDENTIFIED VEHICLES VISIBLE IN CLOUD-FREE AREAS.

25X1A

SPECIAL AREA HOTEL 2301N 08246W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

SPECIAL AREA VICTOR 2300N 08234W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

LASEVILLAS AREA OF SPECIAL INTEREST 2146N Ø7959W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

TARARA LANDING BEACH 2310N 08212W

NO APPARENT CHANGE.

25X1D

MATANZAS LANDING BEACH 2301N 08126W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

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25X1A

VARADERO LANDING BEACH 2308N 08118W

25X1D

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

CIENFUEGOS LANDING BEACH 2202N 08036W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

ENSENADA COLORADO LANDING BEACH 2202N 08025W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

-MISCELLANEOUS ACTIVITY-

25X1A

SAN FRANCISCO DE PAULA, MUNITIONS STGE SITE 2303N 08218W

AT LEAST 32 SMALL VEHICLES OR PIECES OF EQUIPMENT OBSERVED ON INTERIOR LOOP ROAD. CONSTRUCTION CONTINUES ON BUNKERS IN AREA TO NORTH WHERE 7 OPEN-BED TRUCKS ARE OBSERVED.

MANAGUA, MUNITIONS STORAGE SITE 2258N Ø8218W

FIVE TRUCKS AND 2 FLAT-BED TRAILERS ON AND NEAR THE STATE SMALLER LOOP ROAD. NO APPARENT CHANGE IN FACILITIES.

LA ROSITA AREA, STORAGE INSTALLATION 2208N 08004W

25X1D NO APPARENT CHANGE.

25X1A

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25X1A

LA BOCA INDUSTRIAL CONSTRUCTION 2301N 08245W

25X1D

CONSTRUCTION ACTIVITY CONTINUES.

25X1D

EL CALVARIO, MUNITIONS STORAGE AREA 2303N 08220W

.5 NM WNW OF EL CALVARIO AND .5 NM WSW OF SAN FRANCISCO DE PAULA MUNITIONS STORAGE AREA AT 23-03-25N Ø82-20-20W.
INSTALLATION CONSISTS OF A LOOP ROAD WITH ACCESS INSTALLATION CONSISTS OF A LOOP ROAD BUNKERS WITH FROM EAST AND WEST, 5 EARTH-COVERED BUNKERS WITH ABUTTED ENTRANCES ON THE LOOP ROAD AND 6 SMALL BUILDINGS.

25X1D

-STATUS OF OTHER TARGETS-

MISSION: 3444 DID NOT COVER TARGETS EAST OF

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75 DEGREES OR WEST OF 83 DEGREES 30 MINUTES WEST LONGITUDE.

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED --

25X1A

MALDONADO SAM SITE	2Ø12N	Ø7528W	
CAMPO FLORIDA CRUISE-MISSILE SITE	23Ø6N	Ø8211W	
HAVANA AMMUNITION STORAGE AREA	23Ø1N	Ø8226W	
SAN JOSE DE LAS LAJAS AREA MILITARY CAMP	2255N	Ø821ØW	
TORRENS MILITARY COMPLEX	2259N	Ø8228W	
SANTA CLARA AREA MILITARY ACTIVITY	2221N	Ø7957W	
LOMAS DE CRISTO MILITARY AREA	2006N	Ø7546W	
NAZARENO MILITARY AREA	2258N	Ø8214W	
GUANABO AREA MILITARY AREA	2311N	Ø82Ø3W	
CAMPO FLORIDA MILITARY CAMP	23Ø7N	Ø82Ø6W	
SPECIAL AREA ALPHA	2258N	Ø8227W	
SPECIAL AREA BRAVO BLUE		Ø8233W	
		Ø8223W	
BEJUCAL MUNITIONS STORAGE SITES		Ø7953₩	
SANTA CLARA AREA, MILITARY INSTALLATION		Ø7958W	
MANICARAGUA AREA EXPLOSIVES STORAGE SITE		~	

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